Water Budget Key

The following table (Table 1) provides a description for flow arrows depicted on the Primary Water Budget Component Maps. The number next to each description refers to the numbered arrow on the Primary Water Budget Components Key. The key reflects all the flow arrows on the 1995 Base, 2050 Base and Alternative D13R maps, while each individual map reflects only those arrows relative to that particular simulation.

Note that the water budget maps show mean annual flows averaged over the 31 year simulation period. They do not depict the desired timing of flows. In order to simplify these maps, flows at several structures are often lumped and represented by a single arrow. These maps are therefore intended for informational purposes only, and are not intended to be measures of performance of particular simulations.

Table 1. Description of flow arrows on Primary Water Budget Component: Key

Number	**Description**
	Lake Okeechobee (LOK) Area = 728 sq. miles = 465,920 acres
1	Rainfall on Lake Okeechobee
2	Evapotranspiration from Lake Okeechobee
3	Net Inflows to Lake including Kissimmee River, Taylor Creek and Nubbin Slough inflow plus S236 runoff plus net "delta storage" term which accounts for historical inflow minus outflow not otherwise accounted for.
4	Outflow to North Storage reservoir
5	Inflow from North Storage reservoir
6	Injection to LOK Aquifer Storage and Recovery system(ASR)
7	Recovery from LOK Aquifer Storage and Recovery system (ASR)
8	Change in Lake Storage
	Caloosahatchee Basin and Estuary
9	Water supply from Lake to meet Caloosahatchee Estuary minimum environmental flows
10	Regulatory releases from LOK to Caloosahatchee Basin
11	Portion of LOK regulatory releases that are stored in Calossahatchee reservoir
12	Portion of LOK regulatory releases that go directly to Caloosahatchee Estuary
13	Water supply from LOK towards meeting Caloosahatchee Basin demands
14	Backflows to LOK from Caloosahatchee reservoir
15	Caloosahatchee Basin runoff
16	Caloosahatchee Basin runoff that returns to Lake Okeechobee
17	Portion of Caloosahatchee Basin runoff that flows to Estuary and contributes towards meeting environmental demands of Estuary
18	Portion of Caloosahatchee Basin runoff that flows to Estuary and doesn't contribute towards meeting Estuary demands (i.e. is undesirable flow because it exceeds estuarine targets).
19	Outflow from Caloosahatchee reservoir towards meeting environmental demands of Estuary
20	Water supply from Caloosahatchee reservoir towards meeting Caloosahatchee Basin demands

Water Budget Key

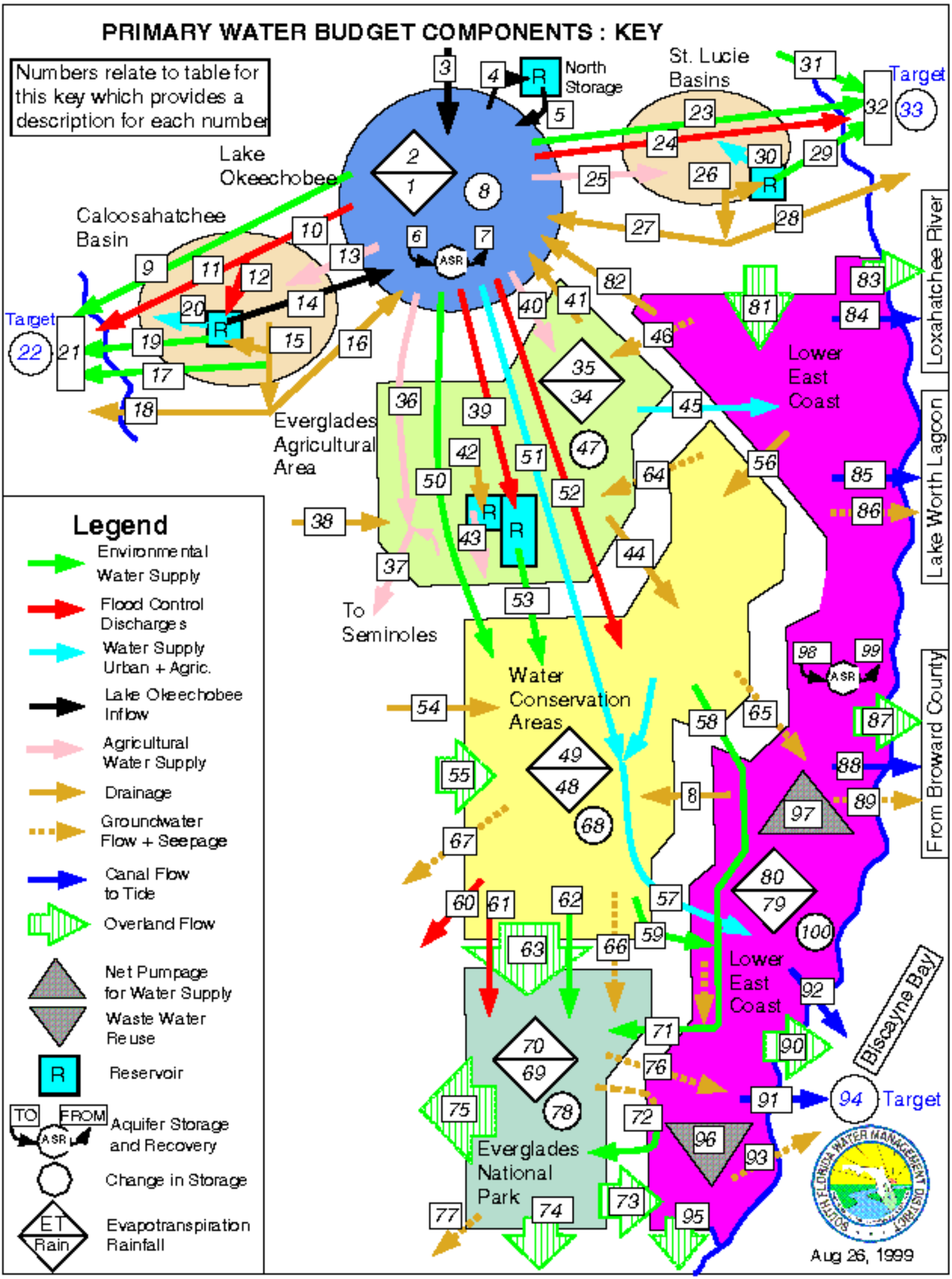
Number	Description
21	Sum of flows that contribute towards meeting estuarine target
22	Environmental targets for Caloosahatchee Estuary
	St. Lucie Basin and Estuary
23	Water supply from LOK to meet St. Lucie Estuary minimum Environmental flows
24	Regulatory releases from LOK to St. Lucie Basin
25	Water supply from LOK towards meeting St. Lucie Basin demands
26	St. Lucie Basin runoff
27	St. Lucie Basin runoff that returns to Lake Okeechobee
28	Portion of St. Lucie Basin runoff that flows to Estuary and doesn't contribute towards meeting Estuary demands (i.e. is undesirable flow because it exceeds estuarine targets).
29	Outflow that from St. Lucie reservoir towards meeting environmental demands of Estuary
30	Water supply from St. Lucie reservoir towards meeting St. Lucie Basin demands
31	Non C44 basin runoff that contributes towards meeting estuarine targets
32	Sum of flows that contribute towards meeting estuarine target
33	Environmental targets for St. Lucie Estuary
	Everglades Agricultural Area (EAA) Area = 948 sq. miles = 606,720 acres **(Includes Holey Land and Rotenberger WMA's, STA's)**
34	Rainfall on EAA
35	Evapotranspiration from EAA
36	Releases from Lake Okeechobee for Rotenberger WMA and Big Cypress Seminoles demands
37	Agricultural water supply to Big Cypress Seminoles from Lake Okeechobee and Rotenberger WMA.
38	Inflow to EAA from Western Basins
39	Regulatory releases from Lake Okeechobee to EAA storage area, cells 2 and 3
40	Agricultural water supply to EAA from LOK
41	Drainage from EAA to LOK
42	Drainage from EAA to EAA storage area, cell 1
43	Agricultural water supply from EAA storage area, cell 1
44	Drainage from EAA to WCA's (through STA's where applicable)
45	Water supply from EAA to LEC (95 Base only)
46	Groundwater flow from LEC to EAA
47	Change in EAA water storage
	Water Conservation Areas (WCA's) Area = 1320 sq. miles = 844,800 acres
48	Rainfall on WCA's
49	Evapotranspiration from WCA's
50	Water supply from Lake Okeechobee that contributes towards meeting

Water Budget Key

Number	Description
	environmental needs. This is EAA Best Management Practices makeup rule water in 95 Base.
51	Water Supply from Lake Okeechobee that contributes towards meeting Lower East Coast water needs
52	Regulatory releases from Lake Okeechobee to the WCA's (through the STA's where applicable, but is undesirable flow because it exceeds WCA environmental targets).
53	Inflow from the LEC (through STA's where applicable)
54	Drainage from northern Big Cypress National Preserve that flows through structures into WCA's
55	Overland flow from Big Cypress National Preserve into WCA's
56	Drainage from LEC into WCA's
57	Water supply from WCA's to help meet LEC demands
58	Water released from WCA-2B to Lakebelt to help meet environmental targets in WCA-2B
59	Water released from WCA-3 to Lakebelt to help meet environmental targets in WCA-3
60	Structural outflows to southern Big Cypress National Preserve (BCNP)
61	Regulatory releases to Everglades National Park
62	Releases to ENP that contribute towards meeting environmental targets
63	Overland flow from WCA-3 to ENP
64	Groundwater flow from WCA's back to EAA
65	Groundwater flow (includes levee seepage) from WCA's to LEC
66	Groundwater flow from WCA's to ENP
67	Groundwater flow from WCA's to BCNP
68	Change in WCA's water storage
	Everglades National Park (ENP) Area = 592 sq. miles = 378,880 acres **(Includes only eastern portion of ENP)**
69	Rainfall on ENP
70	Evapotranspiration from ENP
71	Pumped inflow into ENP through structures and overland flow buffer zones along eastern boundary (S174, S332 A,B,D, S356). This represents "new" water to the ENP from the Lakbelt and collection of seepage from WCA-3. It does not include levee seepage from the ENP that is pumped back into the ENP.
72	Levee seepage from ENP that is returned to the ENP along the eastern boundary.
73	Overland flow from the south eastern area of ENP to the LEC
74	Southward overland flow from ENP towards Florida Bay
75	Eastward overland flow towards Whitewater Bay and Florida Bay
76	Groundwater flow to LEC
77	Groundwater flow in SW direction towards Florida Bay and Whitewater Bay
78	Change in ENP water storage

Water Budget Key

Number	Description
	Lower East Coast (LEC) Area = 2088 sq. miles = 1,336,320 acres **(Includes L-8 Basin)**
79	Rainfall on LEC
80	Evapotranspiration from LEC
81	Overland inflow from the north
82	Drainage from LEC to Lake Okeechobee
83	Overland flow from Northern Palm Beach County to Loxahatchee River
84	Structural flow from Northern Palm Beach County to Loxahatchee River
85	Structural flow from Palm Beach County to Lake Worth Lagoon
86	Groundwater flow from Palm Beach County to Lake Worth Lagoon
87	Overland flow from Broward County to tide
88	Structural flow from Broward County to tide
89	Groundwater flow from Broward County to tide
90	Overland flow to Biscayne Bay
91	Structural flow to portions of Biscayne Bay that have defined targets
92	Structural flow to portions of Biscayne Bay that do not have defined targets
93	Groundwater flow to Biscayne Bay
94	Target for portions of Biscayne Bay for which target has been defined
95	Overland flow from LEC to ENP panhandle
96	Water provided from waste water reuse
97	Net pumpage for water supply
98	Injection into aquifer storage and recovery systems (ASR)
99	Recovery from aquifer storage and recovery systems (ASR)
100	Change in LEC water storage


PRIMARY WATER BUDGET COMPONENTS : KEY
Numbers relate to table for this key which provides a description for each number
Lake Okeechobee
North Storage
St. Lucie Basins
Target
Caloosahatchee Basin
Target
Everglades Agricultural Area
Lower East Coast
Loxahatchee River
Lake Worth Lagoon
From Broward County
To Seminoles
Water Conservation Areas
Lower East Coast
Biscayne Bay
Target
Everglades National Park
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Legend
Environmental Water Supply
Flood Control Discharges
Water Supply Urban + Agric.
Lake Okeechobee Inflow
Agricultural Water Supply
Drainage
Groundwater Flow + Seepage
Canal Flow to Tide
Overland Flow
Net Pumpage for Water Supply
Waste Water Reuse
Reservoir
Aquifer Storage and Recovery
Change in Storage
Evapotranspiration
Rainfall